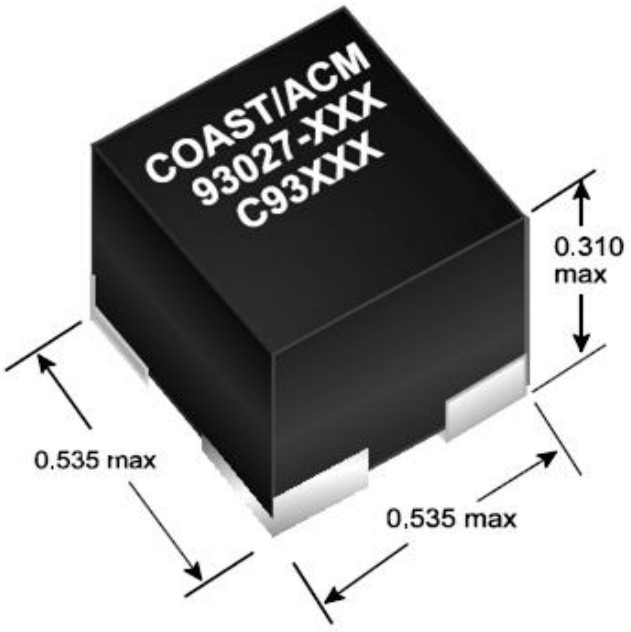
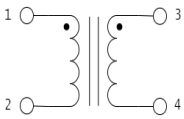
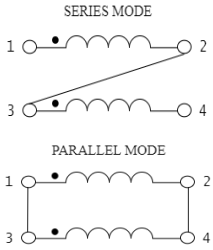
Power Inductors – C93000D Series





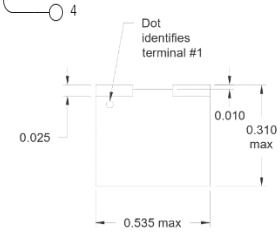
BACK-SIDE VIEW



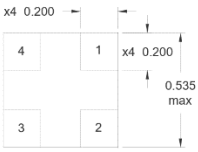


IN	MM
0.565	14.35
0.535	13.59
0.345	8.76
0.310	7.87
0.220	5.59
0.200	5.08
0.025	0.64
0.010	0.25

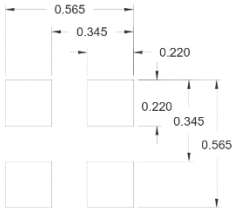
SIDE VIEW



BOTTOM VIEW



RECOMMENDED MOUNTING PAD CIRCUIT SIDE



SPECIFICATIONS

- **Inductance:** 0.1 mH to 10 mH (Series)
  0.025 mH to 2.5 mH (Parallel)
- **Standard Tolerance:** ±10%
- **Operating Temperature:** -55°C to +125°C
- **Storage Temperature:** -60°C to +130°C
- **Standard Termination Finish:** Tin-lead
- **Weight:** 35.4 gram, maximum

FEATURES

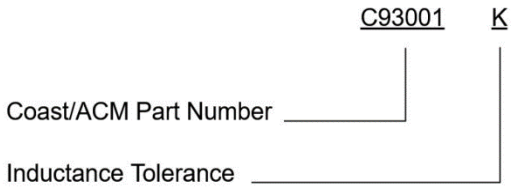
- Transfer Molded Package
- Marking: Laser or Ink
- Leadless device for minimum footprint
- Internal Welded Terminations
- Low EMI Radiation
- Low Thermal Expansion permits mounting on most substrate materials
- Tighter Tolerances available (additional charge)
- Tape and Reel Packaging available (additional charge)
  Full Reel Quantity (Small): 125 pieces
  Full Reel Quantity (Large): 300 pieces
- Available for Military Application per MIL-PRF-27 (see 93000D Series)
- Available for Space Application per MIL-STD-981 (see S93000D Series)

APPLICATIONS

Designed for optimal performance in commercial applications, these inductors ensure consistent electrical behavior, maintaining signal integrity and reducing interference.

Suitable for telecommunications, consumer electronics, and industrial automation, they offer both reliability and precision. Robust construction ensures longevity, positioning these inductors as a preferred choice for diverse commercial endeavors.

PART IDENTIFYING NUMBER



K: Inductance Tolerance
M: ±20% K: ±10% J: ±5%

Power Inductors – C93000D Series

C/ACM P/N	Series			Parallel			Power Rating (mW)
	Inductance (mH) ±10 percent	Rated DC Current (mA)	DC Resistance Max (Ω)	Inductance (mH) ±10 percent	Rated DC Current (mA)	DC Resistance Max (Ω)	
C93004	0.100	1350	0.21	0.025	2700	0.053	450
C93008	0.250	930	0.41	0.062	1860	0.103	450
C93012	0.500	660	0.82	0.125	1320	0.205	450
C93016	0.750	540	1.25	0.187	1080	0.313	450
C93020	1.000	570	1.87	0.250	940	0.468	450
C93024	2.000	330	3.62	0.500	660	0.910	450
C93028	3.000	270	5.50	0.750	540	1.380	450
C93032	5.000	210	9.12	1.250	420	2.280	450
C93036	7.500	170	13.75	1.875	340	3.440	450
C93040	10.000	140	18.25	2.500	280	4.570	450